**Additional Functionalities**

1. Data bits of the Additional circuit has been extended easily(by just increasing the bit length of the components already used).
2. After a power cut, when the power comes back the Additional circuit resumes its work from exactly where it stopped before the power cut.
3. A Reset button has been given to reset the circuit so that when new input is given no cloth is wasted, also in case of any hardware malfunction the circuit can be reset to start fresh without any additional wastage.
4. An important feature is introduced to the Additional circuit which gives out pre-set quantity of the cloth.
5. For example if the user pre-sets no. of pieces = 50 and choses three lengths say 5m, 15m and 25m.

the machine will give 50 slices of 5m cloth and another 50 slices of 15m cloth and another 50 slices of 25m cloth.

1. A cloth count enable is given. The user will enable the cloth count when he requires a specific quantity of cloth and then enter the “no. of pieces”. When switched on then the machine will give the specified amount of cloth and then stop automatically.
2. The user will disable the cloth count when he does not need a specific quantity of cloth and needs bulk of cloth of same sizes. The user can ignore the “no. of pieces” . When switched on the machine will keep on cutting the cloth unless switched off.

